

ECE 2036 Students

If you have problems with your laptop, the Visual Studio C++ compiler can be run on the thin clients in the ECE PC labs in Klaus 1446 or across from VL C256. They tend to be a lot slower than a laptop since everything runs on the Vlab servers and you are sharing the server with several other students.

Login to one of the thin client PCs. Select “**ECE F2014**” as the Windows version to run (COE versions do not have Visual Studio!). Click on the Windows start button in the lower left corner of the screen. Select “**All Programs**” and then scroll down to near the end of the program list and there is a directory folder called “**Visual Studio 2013**”. Open the folder and click on the **Visual Studio 2013 icon** to start VS. In VS, create a new “**Win32**” project, click “OK”, “Next” and then click on the “**console application**” box and then hit “Finish. A console application is needed for a simple text only window, the default is a more complex application with a Window’s GUI.

Do not plug mbeds into the thin clients USB port. They do not work correctly and can even mess up the flash directory on mbeds. If this happens, the flash will need to be reformatted on a “real” PC just like any hard drive before the mbed can be used again.

The thin clients actually run a custom Linux OS and talk to a Windows OS sever over the network, so it is not too surprising that external USB hardware devices don’t work beyond just your basic USB flash drive. A few “**real**” PCs can be found in the DSP lab in Klaus 2440, if you need to attach real hardware devices like mbed or MyDAQ to a PC.



Thin Client found in ECE PC labs